



PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

### Complete if Known

Application Number	10/614,313
Filing Date	July 7, 2003
First Named Inventor	Pekonen
Art Unit	2681
Examiner Name	Unassigned
Attorney Docket Number	04770.00116

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
CH		2002/0010763 A1	01/24/2002	Salo, et al.	
CH		2002/0025777 A1	02/28/2002	Kawamata, et al.	
CH		2003/0067943 A1	04/10/2003	Arsenault, et al.	
HT		US 4,449,248	05/15/1984	Leslie, et al.	
AT		US 5,224,152	08/29/1993	Harte	
CH		US 5,307,376	04/26/1994	Castelain, et al.	
CH		US 5,371,734	12/08/1994	Fischer	
AT		US 5,513,246	04/30/1996	Jonsson, et al.	
CH		US 5,539,925	07/23/1996	Yli-Kotila, et al.	
CH		US 5,568,513	10/22/1996	Croft, et al.	
CH		US 5,613,235	03/18/1997	Kivari, et al.	
CH		US 5,657,313	08/12/1997	Takahashi, et al.	
HT		US 5,710,756	01/20/1998	Pasternak, et al.	
CH		US 5,732,068	03/24/1998	Takahashi, et al.	
CH		US 5,745,860	04/28/1998	Kallin	
CH		US 5,799,033	08/25/1998	Baggen	
CH		US 5,870,675	02/09/1999	Tuutijarvi, et al.	
CH		US 5,883,899	03/16/1999	Dahlman, et al.	
CH		US 5,886,995	03/23/1999	Arsenault, et al.	
CH		US 5,995,845	11/30/1999	Lardennois	
CH		US 6,047,181	04/04/2000	Suonvieri	
CH		US 6,088,412	07/11/2000	Ott	
CH		US 6,167,248	12/26/2000	Hamalainen, et al.	
CH		US 6,175,557	01/16/2001	Diachina, et al.	
CH		US 6,228,278	05/01/2001	Bursztejn, et al.	
CH		US 6,256,357	07/03/2001	Oshima	
CH		US 6,262,982	07/17/2001	Donahue, et al.	
CH		US 6,262,990	07/17/2001	Ejiri	
CH		US 6,282,209	08/28/2001	Kataoka, et al.	
CH		US 6,285,686	09/04/2001	Sharma	
CH		US 6,295,450	09/25/2001	Lyer	
CH		US 6,335,766	01/01/2002	Twitchell, et al.	
CH		US 6,339,713	01/15/2002	Hansson, et al.	
CH		US 6,356,555	03/12/2002	Rakib, et al.	
CH		US 6,477,382	11/05/2002	Mansfield, et al.	
CH		US 6,490,727	12/03/2002	Nazarathy, et al.	



Application No. 10/614,313  
 Attorney Docket No. 04770.00116  
 Page 2 of 2

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
44 44 44 44 44 44 44		WO 00/67449	11/09/2000			
		WO 00/36861	08/22/2000			
		WO 01/72076	09/27/2001			
		WO 01/31963	05/03/2001			
		WO 02/03729	01/10/2002			
		WO 02/03728	01/10/2002			
		WO 02/01879	01/03/2002			

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>[Handwritten initials]</i>		Apostolis K. Salkintzis et al. "An In-Band Power-Saving Protocol for Mobile Data Networks" IEEE Transactions on Communications, Vol. 46, No.9, Sept. 1998, pgs. 1194-1205.	
<i>[Handwritten initials]</i>		Apostolis K. Salkintzis et al. "Performance Analysis of a Downlink Mac Protocol with Power-Saving Support", IEEE Transactions on Vehicular Technology, Vol. 49, No.3, May 2000, pages 1029-1040	
<i>[Handwritten initials]</i>		DEERING S., Host Extensions for IP Multicasting, Network Working Group, August 1989, 1-16, Stanford, California	
<i>[Handwritten initials]</i>		Digital Video Broadcasting (DVB); DVB Specification for Data Broadcasting, European Telecommunications Standard Institute, January 2003, 1-58, ETSI EN 301 192 v1.3.1, France.	
<i>[Handwritten initials]</i>		Digital Video Broadcasting (DVB); Specification for Service Information (SI) in DVB Systems, European Telecommunications Standard Institute, May 2003, 1-93, ETSI EN 300 468 v.1.5.1, France.	
<i>[Handwritten initials]</i>		Draft Report of the 52nd Meeting of DVB GBS, EBU Headquarters, Geneva, June 25 <sup>th</sup> /J27 <sup>th</sup> 2002. pages 1-12.	
<i>[Handwritten initials]</i>		RFC3452: Forward Error Correction (FEC) Building Block, captured February 26, 2003, <a href="http://rfc3452.x42.com">http://rfc3452.x42.com</a> .	
<i>[Handwritten initials]</i>		RFC3453: The Use of Forward Error Correction (FEC) in Reliable Multicast, captured February 26, 2003, <a href="http://rfc3453.x42.com">http://rfc3453.x42.com</a>	

Examiner Signature	<i>[Handwritten Signature]</i>	Date Considered	
-----------------------	--------------------------------	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 USC 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (10-01)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE